

**SAINT-GOBAIN CRYSTALS & DETECTORS**  
**MATERIAL SAFETY DATA SHEET****PRODUCT: BC-408****EMERGENCY PHONE NO.**  
**(440) 564-2251****SECTION 1 SUPPLIER INFORMATION**

**COMMON NAME** : BC-408  
**CHEMICAL NAME** : Polyvinyl Toluene & Organic Fluors  
**FORMULA** : C<sub>10</sub>H<sub>11</sub>  
**PRODUCT CAS #** : 9017-21-4  
**SUPPLIER** : SGC&D  
**ADDRESS** : 12345 KINSMAN ROAD  
**CITY/STATE/ZIP** : NEWBURY, OH 44065  
**PHONE** : (440)564-2251  
**TELEFAX** : (440)564-8047

**SECTION II HAZARDOUS INGREDIENT INFORMATION**

INGREDIENT	%WT. PEL-OSHA	TLV-ACGIH
Polyvinyl Toluene	>97.0	N/A
Organic Fluors	< 3.0	N/A

**INGREDIENT HAZARD STATEMENT**  
**NOTE:** N/A

**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS**

**BOILING POINT** : N/A  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1) :** 1.03  
**MELTING POINT** : N/A  
**VAPOR PRESSURE (mmH<sub>g</sub>)** : N/A  
**VAPOR DENSITY (air=1)** : N/A

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EVAPORATION RATE (BUTYL ACETATE=1): N/A  
% SOLUBILITY/WATER: Nil

APPEARANCE AND ODOR: Clear Fluorescent solid plastic - no odor

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: None  
AUTO-IGNITION: N/A  
LEL: N/A  
UEL: N/A  
NFPA HAZARD CLASSIFICATION N/A

HEALTH: 0 FLAMMABLE: 1 REACTIVITY: 0

HMIS HAZARD CLASSIFICATION N/A

HEALTH: 0 FLAMMABLE: 1 REACTIVITY: 0

EXTINGUISHING MEDIA: Water fog, foam, alcohol foam, CO<sub>2</sub>, or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus for protection against degradation products.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

### SECTION V REACTIVITY DATA

STABILITY: Stable  
AVOID: Temperatures over 300°C

INCOMPATIBILITY: N/A

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Smoke and noxious gases (carbon monoxide and hydrocarbons).

POLYMERIZATION: Will not occur  
AVOID: N/A

<b>SECTION VI HEALTH HAZARD DATA</b>
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**ROUTES OF ENTRY**

**EYES:** No      **SKIN:** No      **INHALATION:** No      **INGESTION:** No

**EFFECTS OF OVEREXPOSURE**

**EYE:** N/A

**SKIN:** N/A

**INHALATION:** N/A

**INGESTION:** N/A

**NOTE:** Considered physiologically inert.

**CARCINOGENICITY:** N/A

**NTP:**      **IARC:**      **OSHA:**

**CHRONIC HEALTH HAZARD:** N/A

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N/A

**EMERGENCY FIRST AID**

**EYE AND SKIN CONTACT:** N/A

**INHALATION:** N/A

**INGESTION:** N/A

<b>SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE</b>
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**EPA: WASTE #:** N/A

**UN #:** N/A

**DOT CLASSIFICATION:** N/A

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** N/A

**WASTE DISPOSAL METHOD:** Follow local, State and Federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** N/A

<b>SECTION VIII CONTROL MEASURES</b>
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**RESPIRATORY PROTECTION:** When machining or polishing, wear an approved dust respirator.

**VENTILATION:** Good, general ventilation.

**PROTECTIVE EQUIPMENT:** Wear gloves for general hand protection and safety glasses.

**WORK/HYGIENE PRACTICES:** N/A

<b>SECTION IX FEDERAL AND STATE REGULATIONS</b>
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**SARA HAZARD CATEGORIES**

**IMMEDIATE (ACUTE) HEALTH HAZARD:** YES [ ] NO [ X ]

**DELAYED (CHRONIC) HEALTH HAZARD:** YES [ ] NO [ X ]

**FIRE HAZARD:** YES [ ] NO [ X ]

**REACTIVITY HAZARD:** YES [ ] NO [ X ]

**SUDDEN RELEASE OF PRESSURE:** YES [ ] NO [ X ]

**SARA SECTION 313 NOTIFICATION:**

THIS PRODUCT MAY CONTAIN A TOXIC CHEMICAL (OR CHEMICALS) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

**CHEMICAL NAME:**

**CAS #**

**%WT.**

**Not applicable**

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